

### ASSIGNMENT

THIS ASSIGNMENT, made by us, Margaret A. Schwarz, citizen of the United States of America, residing at 944 Big Briar Way, City of La Canada-Flintridge, State of California 91011 and Fangrong Zhang, citizen of China, residing at 1741 Mccollum Street, City of Los Angeles, State of California 90026, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in *METHODS OF FACILITATING VASCULAR GROWTH* for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on November 13, 1998, under Serial No. 60/108,435, and

WHEREAS, CHILDRENS HOSPITAL LOS ANGELES, a non-profit organization having a principal place of business at 4650 Sunset Blvd., County of Los Angeles, State of California, hereinafter referred to as assignee; is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

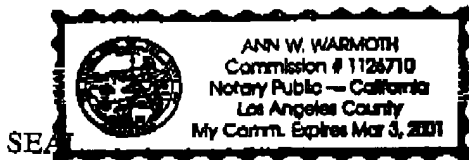
~~We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.~~

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 18<sup>th</sup> day of October, 1999.

Margaret A. Schwarz (SEAL)  
MARGARET A. SCHWARZ

STATE OF CALIFORNIA )  
                                  ) ss:  
COUNTY OF LOS ANGELES)

Before me personally appeared Margaret A. Schwarz, to me known to be the person described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same for the purposes therein stated, this 18<sup>th</sup> day of October, 1999.



Ann W. Warmoth  
Notary Public

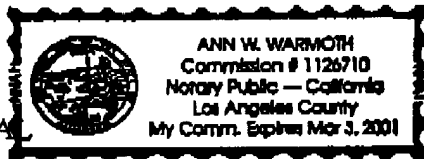
My Commission Expires: 3-3-2001

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21 day of oct., 1999.

[Signature] (SEAL)  
FANGRONG ZHANG

STATE OF CALIFORNIA )  
                                  ) ss:  
COUNTY OF LOS ANGELES)

Before me personally appeared Fangrong Zhang, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 21<sup>st</sup> day of October, 1999.



Ann W. Warmoth  
Notary Public

SEAL

My Commission Expires: March 3, 2001

### ASSIGNMENT

THIS ASSIGNMENT, made by me, Sarah A. Gebb, citizen of the United States of America, residing at 4021 S. Wabash Street, City of Denver, State of Colorado 80237;

WITNESSETH: That,

WHEREAS, I am a joint inventor of certain new and useful improvements in *METHODS OF FACILITATING VASCULAR GROWTH* for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on November 13, 1998, under Serial No. 60/108,435, and

WHEREAS, the National Jewish Medical and Research Center, a non-profit organization having a principal place of business at 1400 Jackson Street, City of Denver, State of Colorado 80206, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 22 day of OCTOBER, 1999.

Sarah A. Gebb (SEAL)  
SARAH A. GEBB

STATE OF COLORADO )  
                                  ) ss:  
COUNTY OF Denver )

Before me personally appeared Sarah A. Gebb, to me known to be the person described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same for the purposes therein stated, this 22nd day of October, 1999.

Cheryl Welch  
Notary Public

SEAL

My Commission Expires: 3/23/01